

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-8. (Canceled)

9. (Currently Amended) A process for encapsulating a liposoluble active principle in nanocapsules by preparing an emulsion, ~~characterized in that:~~ wherein:

- a) an aqueous phase and a fatty phase are provided,
- b) raising the temperature of the two phases ~~is raised~~ to a temperature above the phase inversion temperature,
- c) mixing the two phases ~~are mixed together~~ to obtain an emulsion,
- d) incorporating the liposoluble active principle ~~is incorporated~~ into the ~~liposoluble phase emulsion,~~ the emulsion being at a temperature above the phase inversion temperature,
- e) lowering the temperature ~~is lowered~~ of the emulsion to the phase inversion temperature, and
- f) once the ~~phase inversion is effective and the~~ emulsion is in the aqueous continuous phase, the emulsion obtained is annealed to lower its temperature.

10. (Currently Amended) The process as claimed in claim 9, ~~characterized in that~~ further comprising a step c') ~~is performed, which consists in~~ consisting of lowering the temperature of the emulsion to a temperature immediately above the phase inversion temperature before incorporating the active principle.

11. (Currently Amended) The process as claimed in claim 9, ~~characterized in that~~ wherein step c) is performed before step b).

12. (Currently Amended) The process as claimed in claim 9, ~~characterized in that~~ wherein the emulsion obtained is then concentrated by withdrawal of some of the aqueous phase.

13. (Currently Amended) The process as claimed in claim 9, ~~characterized in that~~ wherein step e) is performed by adding ~~an additional amount of~~ aqueous phase ~~brought to a~~ that is at a temperature below the phase inversion temperature.

14. (Currently Amended) The process as claimed in claim 9, ~~characterized in that~~ wherein the active principle is dissolved in an additional amount of fatty phase before being incorporated into the system.

15. (Currently Amended) The process as claimed in claim 9, ~~characterized in that~~ wherein the active principle is chosen from the group consisting of liposoluble vitamins such as retinol, retinoids, vitamin E and carotenoids, polyphenols and fragrance components.

16. (Previously Presented) An emulsion that may be obtained via a process as claimed in claim 9, characterized in that the size of the nanocapsules is on average less than 300 nm.